

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street
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Main website: www.energy.ca.gov



Notice of Availability of the Investment Plan for the Alternative and Renewable Fuel and Vehicle Technology Program

The California Energy Commission adopted the *2010-2011 Investment Plan for the Alternative and Renewable Fuel and Vehicle Technology Program* at its August 11, 2010, Business Meeting. The final adopted report is now publicly available.

The Alternative and Renewable Fuel and Vehicle Technology Program's Investment Plan allocates \$108 million over the next year to stimulate green transportation projects and encourage innovative technologies to help meet the state's goals for reducing greenhouse gas emissions and petroleum dependence in the transportation sector.

The Alternative and Renewable Fuel Vehicle Technology Program, established by Assembly Bill (AB) 118 (Núñez, Chapter 750, Statutes of 2007) and subsequently amended by Assembly Bill 109 (Núñez, Chapter 313, Statutes of 2008), is an essential element of California's climate change and energy policies. The state is aggressively working to reduce greenhouse gas emissions by 80 percent below 1990 levels by 2050, decrease petroleum fuel use to 15 percent below 2003 levels by 2020, and increase alternative fuel use to 20 percent by 2020. Achieving these multiple objectives will require a portfolio of new fuels and vehicle technologies including battery electric drive and fuel cell vehicles; low-carbon biofuels, gasoline, and diesel vehicles with far greater fuel economy; and biomethane, natural gas, and propane vehicles.

AB 118 authorizes the Energy Commission to provide approximately \$100 million annually over seven years to develop these new fuels and technologies, ensure that they are accessible to the public, and encourage motorists and fleet operators to purchase new advanced vehicles. By investing in California-based technologies and alternative transportation projects, the program also provides an economic stimulus to California.

In its newly adopted investment plan, the Energy Commission proposes the following investments in alternative fuels and vehicle technologies:

- ☐ \$24.5 million for medium- and heavy-duty vehicles that use electric drive or other advanced technologies, electric vehicle charging stations, and electric vehicle component and battery manufacturing plants.

- ☐ \$13 million for hydrogen fueling stations.
- ☐ \$16.5 million for the production of gasoline substitutes (such as cellulosic ethanol, renewable gasoline, and renewable methanol) and E-85 fueling stations.
- ☐ \$9 million for advanced renewable diesel and biodiesel facilities.
- ☐ \$22 million for natural gas vehicles, fueling stations, and biomethane production facilities.
- ☐ \$3 million for propane vehicles.
- ☐ \$8 million for innovative technologies, advanced fuels, and federal cost-sharing opportunities.
- ☐ \$12 million for workforce training programs, sustainability research, public education, and technical assistance programs.

The *Investment Plan for the Alternative and Renewable Fuel and Vehicle Technology Program* is available free from the Energy Commission's website at:

<http://www.energy.ca.gov/2009-ALT-1/documents/index.html>

A print copy is available for \$5.00. Please send request and check or money order made out to the Energy Commission to:

California Energy Commission
Re: 2010-2011 Investment Plan for the Alternative and Renewable Fuel and Vehicle
Technology Program/ CEC-600-2010-001-CMF
Publications, MS-15
1516 Ninth Street
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